



## Complete Summary

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### TITLE

Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee: percentage of patients with DJD with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits.

### SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Nov. 43 p. [50 references]

## Measure Domain

### PRIMARY MEASURE DOMAIN

#### Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure assesses the percentage of patients with degenerative joint disease (DJD) with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits.

### RATIONALE

The priority aim addressed by this measure is to increase patient education for patients with degenerative joint disease (DJD).

### PRIMARY CLINICAL COMPONENT

Degenerative joint disease (DJD); patient education (protecting the joint, exercise, pain relief, healthy living habits)

#### DENOMINATOR DESCRIPTION

Total number of patients with degenerative joint disease (DJD) whose medical records are reviewed\*

\*Patients with a diagnosis code of 715.96, 715.16, 715.26, 715.36 who have not been seen in clinic with the same diagnosis code within the previous 6 months

#### NUMERATOR DESCRIPTION

Number of records with documentation\* of patient education about degenerative joint disease (DJD)

\*Documented is defined as any evidence in the medical record that patient education materials were provided related to caring for DJD as recommended in the guideline (refer to the National Guideline Clearinghouse [NGC] summary of the Institute for Clinical Systems Improvement [ICS] guideline [Diagnosis and Treatment of Adult Degenerative Joint Disease \[DJD\] of the Knee](#)).

### Evidence Supporting the Measure

#### EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

#### NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Diagnosis and treatment of adult degenerative joint disease \(DJD\) of the knee.](#)

### Evidence Supporting Need for the Measure

#### NEED FOR THE MEASURE

Unspecified

### State of Use of the Measure

#### STATE OF USE

Current routine use

#### CURRENT USE

Internal quality improvement

## Application of Measure in its Current Use

### CARE SETTING

Physician Group Practices/Clinics

### PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

### LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

### TARGET POPULATION AGE

Age greater than or equal to 18 years

### TARGET POPULATION GENDER

Either male or female

### STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

## Characteristics of the Primary Clinical Component

### INCIDENCE/PREVALENCE

The American College of Rheumatology reports that more than 21 million Americans are affected by osteoarthritis (OA). It is the most common type of arthritis, which is the leading cause of disability in the United States. The Centers for Disease Control and Prevention (CDC) estimates that by the year 2020, sixty million Americans, or almost 20% of the population, will be affected by some form of arthritis, and nearly 12 million will experience activity limitation.

### EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Nov. 43 p. [50 references]

### ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

### BURDEN OF ILLNESS

Unspecified

## UTILIZATION

Unspecified

## COSTS

Total costs associated with arthritis are estimated by the Centers for Disease Control and Prevention (CDC) to be almost \$65 billion annually.

## EVIDENCE FOR COSTS

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Nov. 43 p. [50 references]

## Institute of Medicine National Healthcare Quality Report Categories

### IOM CARE NEED

Living with Illness

### IOM DOMAIN

Effectiveness  
Patient-centeredness

## Data Collection for the Measure

### CASE FINDING

Users of care only

### DESCRIPTION OF CASE FINDING

Patients 18 years of age and older diagnosed with degenerative joint disease (DJD)

Data may be collected electronically using the claims/encounter database or the enrollment database. Medical groups should identify patients with DJD seen at the clinic. Each medical group can then generate a list of all eligible patients with DJD seen during the target month/quarter. The eligible patients are those who are 18 years old and older who have been continuously enrolled in the clinic for the past 6 months. A random sample of 20 charts can be chosen from this list. The patient medical records will be reviewed for any evidence that a clinician provided patient education.

A minimum of 20 charts per month can be reviewed.

## DENOMINATOR SAMPLING FRAME

Patients associated with provider

## DENOMINATOR INCLUSIONS/EXCLUSIONS

### Inclusions

Total number of patients with degenerative joint disease (DJD) whose medical records are reviewed\*

\*Patients with a diagnosis code of 715.96, 715.16, 715.26, 715.36 who have not been seen in clinic with the same diagnosis code within the previous 6 months

### Exclusions

Unspecified

## DENOMINATOR (INDEX) EVENT

Clinical Condition

Encounter

## DENOMINATOR TIME WINDOW

Time window is a single point in time

## NUMERATOR INCLUSIONS/EXCLUSIONS

### Inclusions

Number of records with documentation\* of patient education about degenerative joint disease (DJD)

\*Documented is defined as any evidence in the medical record that patient education materials were provided related to caring for DJD as recommended in the guideline (refer to the National Guideline Clearinghouse [NGC] summary of the Institute for Clinical Systems Improvement [ICSI] guideline [Diagnosis and Treatment of Adult Degenerative Joint Disease \[DJD\] of the Knee](#)).

### Exclusions

Unspecified

## NUMERATOR TIME WINDOW

Encounter or point in time

## DATA SOURCE

Administrative data

Medical record

## LEVEL OF DETERMINATION OF QUALITY

Individual Case

## PRE-EXISTING INSTRUMENT USED

Unspecified

## Computation of the Measure

### SCORING

Rate

### INTERPRETATION OF SCORE

Better quality is associated with a higher score

### ALLOWANCE FOR PATIENT FACTORS

Unspecified

### STANDARD OF COMPARISON

Internal time comparison

## Evaluation of Measure Properties

### EXTENT OF MEASURE TESTING

Unspecified

## Identifying Information

### ORIGINAL TITLE

Percentage of patients with DJD with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits.

### MEASURE COLLECTION

[Diagnosis and Treatment of Adult Degenerative Joint Disease \(DJD\) of the Knee Measures](#)

### DEVELOPER

Institute for Clinical Systems Improvement

### ADAPTATION

Measure was not adapted from another source.

## RELEASE DATE

2003 Nov

## REVISION DATE

2004 Nov

## MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 43 p.

## SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2004 Nov. 43 p. [50 references]

## MEASURE AVAILABILITY

The individual measure, "Percentage of patients with DJD with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits," is published in "Health Care Guideline: Diagnosis and Treatment of Adult Degenerative Joint Disease (DJD) of the Knee." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: [www.icsi.org](http://www.icsi.org); e-mail: [icsi.info@icsi.org](mailto:icsi.info@icsi.org).

## NQMC STATUS

This NQMC summary was completed by ECRI on July 19, 2004. This summary was updated by ECRI on January 13, 2005.

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